

## SEQUENCE LISTING

<110> POSCO  
POSTECH Foundation  
POSTECH ACADEMY-INDUSTRY FOUNDATION

5

<120> PEPTIDES THAT ANTAGONIZE FPR CLASS RECEPTOR MEDIATED  
SIGNALING

<130> OPP20050304KR

10

<150> US60/541,730  
<151> 2004-02-04

<160> 36

15

<170> KopatentIn 1.71

<210> 1  
<211> 9  
<212> PRT  
20 <213> Artificial Sequence

<220>  
<223> Synthetic

25

<400> 1  
Met Tyr Phe Ile Asn Ile Leu Thr Leu  
1 5

30

<210> 2  
<211> 6  
<212> PRT  
35 <213> Artificial Sequence

<220>  
<223> Synthetic

40

<400> 2  
Trp Lys Tyr Met Val Met  
1 5

45

<210> 3  
<211> 6  
<212> PRT  
<213> Artificial Sequence

50

<220>  
<223> Synthetic

5 <220>  
<221> PEPTIDE  
<222> (6)  
<223> Xaa is m or D-Met while M is L-Met

10 <400> 3  
Trp Lys Tyr Met Val Xaa  
1 5

15 <210> 4  
<211> 6  
<212> PRT  
<213> Artificial Sequence

20 <220>  
<223> Synthetic

25 <400> 4  
Trp Arg Trp Trp Trp Trp  
1 5

30 <210> 5  
<211> 6  
<212> PRT  
<213> Artificial Sequence

35 <220>  
<223> Synthetic

40 <400> 5  
Arg Arg Trp Trp Trp Trp  
1 5

45 <210> 6  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic

50 <400> 6  
Arg His Trp Trp Trp Trp

	1	5
5	<210>	7
	<211>	3
	<212>	PRT
	<213>	Artificial Sequence
10	<220>	
	<223>	Synthetic
15	<400>	7
	Trp Arg Trp	
	1	
20	<210>	8
	<211>	6
	<212>	PRT
	<213>	Artificial Sequence
25	<220>	
	<223>	Synthetic
30	<400>	8
	Asp Arg Trp Trp Trp Trp	
	1 5	
35	<210>	9
	<211>	6
	<212>	PRT
	<213>	Artificial Sequence
40	<220>	
	<223>	Synthetic
45	<400>	9
	Asp Arg Trp Trp Trp Trp	
	1 5	
50	<210>	10
	<211>	5
	<212>	PRT
	<213>	Artificial Sequence
	<220>	
	<223>	Synthetic BOC-Phe-Leu-Phe-Leu-Phe-OH

5           <400>       10  
           Phe Leu Phe Leu Phe  
           1                       5

10           <210>       11  
           <211>       5  
           <212>       PRT  
           <213>       Artificial Sequence

15           <220>  
           <223>       Synthetic isopropylureido-Phe-Leu-Phe-Leu-Phe-OH

20           <400>       11  
           Phe Leu Phe Leu Phe  
           1                       5

25           <210>       12  
           <211>       6  
           <212>       PRT  
           <213>       Artificial Sequence

30           <220>  
           <221>       PEPTIDE  
           <222>       (1)  
           <223>       Xaa can be Asp, Arg or Trp.

35           <220>  
           <221>       PEPTIDE  
           <222>       (2)  
           <223>       Xaa can be His, Lys or Arg.

40           <400>       12  
           Xaa Xaa Arg Trp Trp Met  
           1                       5

45           <210>       13  
           <211>       6  
           <212>       PRT  
           <213>       Artificial Sequence

50           <210>       13  
           <211>       6  
           <212>       PRT  
           <213>       Artificial Sequence

<220>  
<223> Synthetic

5 <220>  
<221> PEPTIDE  
<222> (1)  
<223> Xaa can be Asp, Arg or Trp.

10 <220>  
<221> PEPTIDE  
<222> (2)  
<223> Xaa can be His, Lys or Arg.

15 <400> 13  
Xaa Xaa Arg Trp Trp Trp  
1 5

20 <210> 14  
<211> 6  
<212> PRT  
25 <213> Artificial Sequence

<220>  
<223> Synthetic

30 <220>  
<221> PEPTIDE  
<222> (1)  
<223> Xaa can be Asp, Arg or Trp.

35 <220>  
<221> PEPTIDE  
<222> (2)  
40 <223> Xaa can be His, Lys or Arg.

<400> 14  
Xaa Xaa Trp Trp Trp Met  
45 1 5

<210> 15  
<211> 6  
50 <212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic

5 <220>  
<221> PEPTIDE  
<222> (1)  
<223> Xaa can be Asp, Arg or Trp.

10 <220>  
<221> PEPTIDE  
<222> (2)  
<223> Xaa can be His, Lys or Arg.

15 <400> 15  
Xaa Xaa Trp Trp Trp Trp  
1 5

20 <210> 16  
<211> 6  
<212> PRT  
25 <213> Artificial Sequence

<220>  
<223> Synthetic

30 <220>  
<221> PEPTIDE  
<222> (1)  
<223> Xaa is w or D-Trp while W is L-Trp.

35 <400> 16  
Xaa Trp Arg Trp Trp Met  
1 5

40 <210> 17  
<211> 6  
<212> PRT  
45 <213> Artificial Sequence

<220>  
<223> Synthetic

50 <400> 17  
Trp Trp Arg Trp Trp Trp

	1	5
5	<210>	18
	<211>	6
	<212>	PRT
	<213>	Artificial Sequence
10	<220>	
	<223>	Synthetic
15	<400>	18
	Trp Trp Arg Trp Trp Met	
	1 5	
20	<210>	19
	<211>	6
	<212>	PRT
	<213>	Artificial Sequence
25	<220>	
	<223>	Synthetic
30	<220>	
	<221>	PEPTIDE
	<222>	(1)
	<223>	Xaa is w or D-Trp while W is L-Trp.
35	<400>	19
	Xaa Trp Arg Trp Trp Trp	
	1 5	
40	<210>	20
	<211>	6
	<212>	PRT
	<213>	Artificial Sequence
45	<220>	
	<223>	Synthetic
50	<400>	20
	Trp Trp Trp Trp Trp Met	
	1 5	
	<210>	21

<211> 6  
<212> PRT  
<213> Artificial Sequence

5 <220>  
<223> Synthetic

10 <400> 21  
Trp Trp Trp Trp Trp Arg  
1 5

15 <210> 22  
<211> 6  
<212> PRT  
<213> Artificial Sequence

20 <220>  
<223> Synthetic

25 <400> 22  
Trp Trp Trp Arg Trp Trp  
1 5

30 <210> 23  
<211> 6  
<212> PRT  
<213> Artificial Sequence

35 <220>  
<223> Synthetic

40 <400> 23  
Leu Trp Trp Trp Trp Trp  
1 5

45 <210> 24  
<211> 4  
<212> PRT  
<213> Artificial Sequence

50 <220>  
<223> Synthetic

<400> 24  
Arg Trp Trp Trp





5           <400>     28  
          Trp Trp Trp Trp Arg Trp  
          1                       5

10           <210>     29  
          <211>     6  
          <212>     PRT  
          <213>     Artificial Sequence

15           <220>  
          <223>     Synthetic

20           <400>     29  
          Trp Trp Trp Trp Met Arg  
          1                       5

25           <210>     30  
          <211>     4  
          <212>     PRT  
          <213>     Artificial Sequence

30           <220>  
          <223>     Synthetic

35           <400>     30  
          Trp Trp Trp Met  
          1

40           <210>     31  
          <211>     6  
          <212>     PRT  
          <213>     Artificial Sequence

45           <220>  
          <223>     Synthetic

50           <400>     31  
          Trp Trp Trp Trp Trp Trp  
          1                       5

          <210>     32  
          <211>     6  
          <212>     PRT

5           <213>   Artificial Sequence  
           <220>  
           <223>   Synthetic  
  
 10          <220>  
           <221>   PEPTIDE  
           <222>   (6)  
           <223>   Xaa is w or D-Trp while W is L-Trp.  
  
 15          <400>   32  
           Trp Trp Trp Trp Trp Xaa  
           1                           5  
  
 20          <210>   33  
           <211>   6  
           <212>   PRT  
           <213>   Artificial Sequence  
  
 25          <220>  
           <223>   Synthetic  
  
 30          <400>   33  
           Trp Arg Arg Trp Trp Trp  
           1                           5  
  
 35          <210>   34  
           <211>   4  
           <212>   PRT  
           <213>   Artificial Sequence  
  
 40          <220>  
           <223>   Synthetic  
  
 45          <400>   34  
           Trp Arg Trp Trp  
           1  
  
 50          <210>   35  
           <211>   4  
           <212>   PRT  
           <213>   Artificial Sequence  
  
           <220>  
           <223>   Synthetic

5           <220>  
            <221>     PEPTIDE  
            <222>     (4)  
            <223>     Xaa is w or D-Trp while W is L-Trp.

10          <400>     35  
            Trp Trp Trp Xaa  
            1

15          <210>     36  
            <211>     4  
            <212>     PRT  
            <213>     Artificial Sequence

20          <220>  
            <223>     Synthetic

25          <220>  
            <221>     PEPTIDE  
            <222>     (4)  
            <223>     Xaa is w or D-Trp while W is L-Trp.

30          <400>     36  
            Arg Trp Trp Xaa  
            1